

CLAIMS:

1. A golf ball material comprising a mixture which is composed of:

5 100 parts by weight of a base resin having (a) an olefin-unsaturated carboxylic acid binary random copolymer or a metal ion-neutralized olefin-unsaturated carboxylic acid binary random copolymer or both, blended with (b) an olefin-unsaturated carboxylic acid-unsaturated carboxylate 10 ternary random copolymer or a metal ion-neutralized olefin-unsaturated carboxylic acid-unsaturated carboxylate ternary random copolymer or both, in a weight ratio of 0:100 to 30:70,

15 (c) 5 to 80 parts by weight of a fatty acid or fatty acid derivative or both, having a molecular weight of 280 to 1,500; and

20 (d) 0.1 to 10 parts by weight of a basic inorganic metal compound capable of neutralizing acidic groups left unneutralized in the base resin and component (c).

25 2. The golf ball material of claim 1, wherein the mixture when molded has a Shore D hardness of 30 to 60.

30 3. The golf ball material of claim 1, wherein the mixture has a melt index of 0.5 to 20 dg/min.

4. The golf ball material of claim 1, wherein the metal ion-neutralized random copolymer in said base resin comprises a zinc ion-neutralized ionomer resin.

35 5. The golf ball material of claim 1, wherein the total content of random copolymers and the total content of metal ion-neutralized random copolymers in said base resin are in a weight ratio of 0:100 to 60:40.

6. The golf ball material of claim 1, wherein component (c) is at least one member selected from the group consisting of stearic acid, behenic acid, arachidic acid, lignoceric acid and derivatives thereof.

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7. The golf ball material of claim 1, wherein component (d) is calcium hydroxide.

8. A golf ball comprising a molded part of the golf ball material according to any one of claims 1 to 7.

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